

Samsung Launches New Global Mass Market Galaxy J1 LTE Smartphone Powered By Marvell's Industry-Leading ARMADA Mobile PXA1908 Platform

Marvell's cost optimized quad-core 64-bit ARMADA Mobile PXA1908 platform features field proven 5-mode 4G LTE modem, integrated location and sensor fusion hub, and advanced ISP technology and supports the latest Android L operating system

SANTA CLARA, Calif., March. 2, 2015 /PRNewswire/ -- [Marvell](#) (NASDAQ:MRVL) – a worldwide leader in providing complete silicon solutions from mobile communications to storage, Internet of Things (IoT), cloud infrastructure, digital entertainment and in-home content delivery and Kinoma® software enabling the "Smart Life and Smart Lifestyle," – today announced that the Marvell [ARMADA® Mobile PXA1908](#) platform and advanced Avastar® 88W8777 wireless connectivity solution were selected by Samsung Mobile to power select models of its new global mass market LTE smartphone, the recently announced Samsung Galaxy J1 LTE smartphone. Marvell's cost-optimized 64-bit mobile processor features quad-core ARM Cortex A53, efficient power management, integrated location and sensor fusion technology, field proven 5-mode 4G LTE modem technology, and advanced ISP technology and supports the latest Android L operating system. The ARMADA Mobile PXA1908 supports today's most popular cellular communications including: TD-LTE, FDD-LTE, TD-SCDMA, WCDMA, HSPDA+ and GSM/EDGE. The Samsung Galaxy J1 LTE began its launch in January 2015.

"I am very excited to see the successful launch of Samsung's new mass market 4G LTE Galaxy J1 LTE smartphone. As 4G LTE deployment continues to expand around the world, it is important to provide consumers with cost-effective smartphones and tablets powered by high performance solutions that also support the latest operating systems," said Weili Dai, President and Co-Founder of Marvell. "As a technology leader in the global mobile industry, I am very proud of our track record in enabling the mass smartphone market from 3G now to 4G LTE. I would like to thank the dedicated engineering teams of Samsung and Marvell for achieving another important milestone in our long-term partnership."

The [ARMADA Mobile PXA1908](#) is a quad-core 64-bit 5-mode LTE system-on-chip (SoC) that enables easy integration from 2G and 3G connectivity to 4G LTE. It offers a cost-optimized quad-core Cortex A53 with up to 1.5GHz clock speed, improved image processing to support 8MP camera sensors, advanced power management and integrated location and sensor hub functionalities for better usability. Additionally, Marvell's 64-bit family of mobile SoCs pave the way for device makers to release 64-bit tablets and smartphones with the Android L operating system.

Key features of the Samsung Galaxy J1 Global LTE smartphone include:

- 4.3" WVGA (800x480) LCD screen
- 4G LTE modem with DSDS support
- Quad-core ARM CortexA53 1.2GHz
- 5MP rear camera/2MP front camera
- 4GB Flash and 768MB RAM
- Android 4.4 KitKat

To learn more about the Marvell PXA1908 processors, visit <http://www.marvell.com/communication-processors/pxa1908>.

About Marvell

Marvell (NASDAQ: MRVL) is a global leader in providing complete silicon solutions and Kinoma software enabling the "Smart Life and Smart Lifestyle." From mobile communications to storage, Internet of Things (IoT), cloud infrastructure, digital entertainment and in-home content delivery, Marvell's diverse product portfolio aligns complete platform designs with industry-leading performance, security, reliability and efficiency. At the core of the world's most powerful consumer, network and enterprise systems, Marvell empowers partners and their customers to always stand at the forefront of innovation, performance and mass appeal. By providing people around the world with mobility and ease of access to services adding value to their social, private and work lives, Marvell is committed to enhancing the human experience.

As used in this release, the term "Marvell" refers to Marvell Technology Group Ltd. and its subsidiaries. For more information, please visit www.Marvell.com.

Marvell, ARMADA, Kinoma and the M logo are registered trademarks of Marvell and/or its affiliates. Other names and brands may be claimed as the property of others.

**For Further Information Contact:
Marvell Media Relations**

Sue Kim
Director, Corporate Communications & PR
408.222.1942
suekim@marvell.com

Logo - https://investor.marvell.com/image/Marvell_logo.jpg

To view the original version on PR Newswire, visit: <http://www.prnewswire.com/news-releases/samsung-launches-new-global-mass-market-galaxy-j1-lte-smartphone-powered-by-marvells-industry-leading-armada-mobile-pxa1908-platform-300043342.html>

SOURCE Marvell

<https://investor.marvell.com/2015-03-02-Samsung-Launches-New-Global-Mass-Market-Galaxy-J1-LTE-Smartphone-Powered-by-Marvells-Industry-Leading-ARMADA-Mobile-PXA1908-Platform>